R		U	1	Do	cument ID	Issue Date	Pages	Titie	Current OR
	1			US B1	6330380	20011211	8	M input port by N output port optical switching system	385/17
page 8	2			US B1	6318871	20011120	7	Optical mirror system with multi-axis rotational control	359/872
and (free all space of soil)	3			US B1	6317532	20011113	14	Method and apparatus for low loss via geometrical optimization in free-space micro-machined optical switches	385/18
10 C	4	×		US B1	6317251	20011113	11	Thin film electro-optic beam steering device	359/318
: (optic spd) switch 8) an	.			US B1	6278812	20010821	11	Protection schemes for mirror-failure in free-space micromachined optical	385/18
	6			US B1	6256430	20010703	11	switches Optical crossconnect system comprising reconfigurable light-reflecting devices	385/18
C 6 P	7			US B1	6253001	20010626	22	Optical switches using dual axis micromirrors	385/17
0 1	8	×		US B1	6252715	20010626	28	Beam pattern contractor and focus element, method and apparatus	359/618
	9	×		US B1	6243507	20010605	15	Connection-verification in optical MEMS crossconnects via mirror-dither	385/13
7	10	×		US B1	6181673	20010130	26	Slider design	369/300
Seard terms	11	⊠		US A	6156030	20001205	79	Method and apparatus for high precision variable rate material removal and modification	606/10

	Current XRef	Retrieval Classif	Inventor	s	С	P	2	3	4	5
1	385/18 ; 385/22		Young, Eddie H. , et al.	×						
2	359/223 ; 359/224 ; 359/225 ; 359/871		Hagelin, Paul Merritt							
3	385/15 ; 385/16		Lin, Lih Yuan , et al.							
4	359/315 ; 359/584		Wang, Feiling							
5	385/16 ; 385/17 ; 385/19 ; 385/24 ; 385/89		Lin, Lih Y., et al.							
6	385/17 ; 385/37		Jin, Sungho , et al.							
7	385/16 ; 385/18 ; 385/19		Hoen, Storrs T.	×						
8	359/197 ; 359/204		Rope, Ronald E., et al.							
9	385/17 ; 385/18 ; 385/19		Goldstein, Evan Lee , et al.							
10	360/234.3		Wilde, Jeffrey P., et al.						Image: square of the square of	
11	216/94 ; 219/121.6 ; 219/121.61 ; 433/215 ; 433/29 ; 606/11 ; 606/13 ; 606/2		Neev, Joseph							

	ט	1	Do	cument ID	Issue Date	Pages	Title	Current OR
12	×		US A	6134207	20001017	35	Optical data storage system having optical microswitch	369/112.29
13			US A	6128122	20001003	24	Micromachined mirror with stretchable restoring force member	359/224
14	Ø		US A	6091867	20000718	8	M input port by N output port optical switching system	385/17
15	Ø		US A	6044056	20000328	18	Flying optical head with dynamic mirror	369/119
16	×		US A	5937115	19990810	20	Switchable optical components/structures and methods for the fabrication	385/16
<u> </u>							thereof	
17		: I I :	US A	5920664	19990706	59	Board-to-board and unit-to-unit optical interconnection system	385/16
18	×	Ш	A	5903687	19990511	9	M input port by N output port optical switching system	385/17
19	Ø		US A	5870227	19990209	30	Scanning head lens assembly	359/618
20	⊠		US A	5778016	19980707	33	Scanning temporal ultrafast delay methods and apparatuses therefor	372/38.1
21	$\boxtimes$		US A	5621829	19970415	9	Fiber optic switching device and method using free space scanning	385/22
22	×	1 1 1	US A	5581643	19961203	19	Optical waveguide cross-point switch	385/17

	Current XRef	Retrieval Classif	Inventor	\S	С	P	2	3	4	5
12	369/44.12		Jerman, John H., et al.							
13	359/198 ; 359/199 ; 359/223 ; 369/112.29		Drake, Joseph D., et al.							
14	369/44.14 349/197 ; 385/18 ; 385/20 ; 385/22		Young, Eddie H., et al.							
15	369/112.27 ; 369/112.29		Wilde, Jeffrey P. , et al.							
16	359/130 ; 385/10 ; 385/20 ; 385/24 ; 385/31 ; 385/37		Domash, Lawrence H.							
17	349/196 ; 385/147 ; 385/18 ; 385/20 ; 385/36		Hirabayashi, Katsuhiko , et al.							
18	385/18 ; 385/20 ; 385/22		Young, Eddie H. , et al.							
19	369/44.37		Rope, Ronald E., et al.							
20			Sucha, Gregg D. , et al.							
21	385/115 ; 385/116 ; 385/119 ; 385/16 ; 385/17 ; 385/18 ; 385/24 ; 385/31 ; 385/33		Ford, Joseph E.							
22	385/18		Wu, Chi							

	บ	1	Document ID	Issue Date	Pages	Title	Current OR
23	×	1 I I	US 5473423 A	19951205	41	Method and apparatus for obtaining measurements in a plurality of light wavequides	356/73.1
24	×		US 5365239 A	19941115	59	Fiber optic feed and phased array antenna	342/368

	Current XRef	Metrieval Inventor			С	P	2	3	4	5
23			Ruegenberg, Gervin, et al.							
24	342/424		Stilwell, Jr., P. Denzil							

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	บ	1	Document ID	Issue Date	Pages	Title	Current OR
1			US 6329737 B1	20011211	110	Rotary electrostatic microactuator	310/309
2			US 6301403 B1	20011009	17	Optical microswitch with rotary electrostatic microactuator	385/18
3			US 6253001 B1	20010626	22	Optical switches using dual axis micromirrors	385/17

Search terms

(optic \$ adj switch \$) and (optic \$ adj fiber \$) and (rotat \$ adj nicronirrors)

	Current XRef	classif	Inventor	s	С	P	2	3	4	5
1	310/40MM		Jerman, John H., et al.	⊠;						
2	310/309 ; 385/16		Heanue, John F., et al.	Ø						
3	385/16 ; 385/18 ; 385/19		Hoen, Storrs T.	Ø						